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ARBORETUM ET FRUTICETUM BRITANNICUM.

VOL. V.

FIRST VOLUME OF PLATES.

LONDON:
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ARBORETUM ET FRUTICETUM BRITANNICUM;

OR,

THE TREES AND SHRUBS OF BRITAIN,

Native and Foreign, Hardy and Half-Hardy,

PICTORIALLY AND BOTANICALLY DELINEATED,

AND SCIENTIFICALLY AND POPULARLY DESCRIBED;

WITH

THEIR PROPAGATION, CULTURE, MANAGEMENT,

AND USES IN THE ARTS, IN USEFUL AND ORNAMENTAL PLANTATIONS, AND IN

LANDSCAPE-GARDENING;

PRECEDED BY A HISTORICAL AND GEOGRAPHICAL OUTLINE OF THE TREES AND SHRUBS OF TEMPERATE CLIMATES THROUGHOUT THE WORLD.

BY J. C. LOUDON, F.L. & H.S. &c.

AUTHOR OF THE ENCYCLOPÆDIAS OF GARDENING AND OF AGRICULTURE.

IN EIGHT VOLUMES:

FOUR OF LETTERPRESS, ILLUSTRATED BY ABOVE 2500 ENGRAVINGS; AND FOUR OF OCTAVO AND QUARTO PLATES.

VOL. V.

THE PLATES FROM MAGNOLIA*CEÆ* TO LEGUMINO*S*E INCLUSIVE.

SECOND EDITION.

LONDON:

HENRY G. BOHN, YORK STREET, COVENT GARDEN.

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The large-flowered *evergreen* Magnolia.

13½ ft. high, 3 in. diam.

Magnòlia grandiflòra exoniénsis.

The large-flowered *evergreen* Exeter Magnolia.

13½ ft. high, 3 in. diam.

Magnòlia glaùca.

The glaucous-*leaved deciduous* Magnolia.

13 ft. high, 4 in. diam.

Magnólia glaúca Thompsoniàna.

Thomson's glaucous-*leaved deciduous* Magnolia.

12½ ft. high, 3 in diam.

Magnòlia tripétala.

The three-petaled-*flowered deciduous* Magnolia.

12¾ ft. high, 3¼ in. diam.

Magnòlia macrophýlla.

The large-leaved *deciduous* Magnolia.

Magnòlia acuminàta.

The pointed-*leaved* Magnolia.

20 ft. high, 6 in. diam.

Magnòlia acuminàta.

The pointed-*leaved* Magnolia.

Full-grown tree at Syon; 49 ft. high, diam of the trunk 3 ft., and of the head 48 ft.
[Scale 1 in. to 12 ft]

Magnòlia cordàta.

The heart-shaped-*leaved deciduous* Magnolia.

12½ ft. high, 4½ in. diam.

Magnòlia auriculàta.

The ear-*leaved deciduous* Magnolia.

14½ ft high, 3 in. diam.

Magnòlia (*auriculàta*) *pyramidàta.*

The pyramidal *deciduous* (ear-*leaved*) Magnolia.

13 ft. high, 2½ in. diam.

Magnòlia conspicua.

The conspicuous-*flowered, or Yulan,* Magnolia.

14 ft. high, 4¼ in. diam.

Liriodéndron Tulipífera.

The Tulip tree.

18 ft. high, 4½ in. diam.

The Tulip-bearing Liriodendron, *or the Tulip tree.*

Full-grown tree at Syon; 76 ft. high.
[Scale 1 in. to 12 ft.]

The European, *or common,* Lime tree.

18 ft. high, 4 in. diam.

Tília europæ'a.

The European, *or common*, Lime tree.

Full-grown tree at Studley Park ; 125 ft. high, diam. of the trunk 6 ft., and of the head 75 ft.
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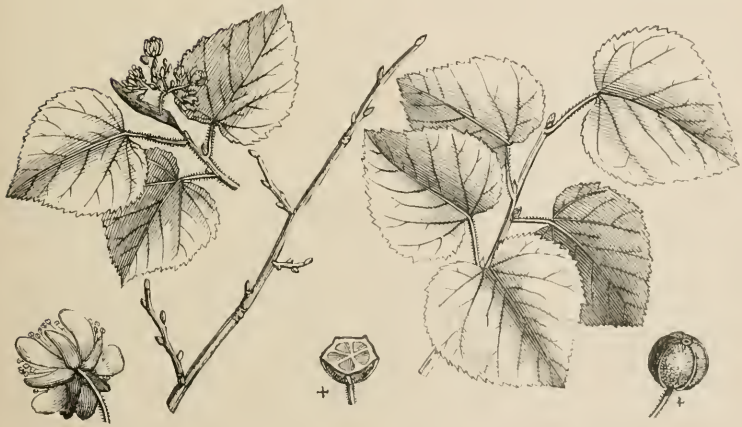
The broad-leaved (European) Lime tree.

18 ft. high, 6 in. diam.



Tília (c.) platyphýlla minor.

The smaller broad-leaved (European) Lime tree.

15 ft. high, 4 in. diam.

Tilia (*e.*) *laciniata.*

The laciniated-*leaved* (European) Lime tree.

14½ ft high, 3 in. diam.

Tilia (*e.*) *aurea.*

The golden-*twigged* (European) Lime tree.

11 ft. high, 2½ in. diam.

Tilia (*e.*) *alba.*

The white-*leaved* (European) Lime tree.

16 ft. high, 3 in. diam.

Tília americàna.

The American Lime tree.

13 ft. high, 3 in. diam.

Tilia americàna laxiflòra.

The loose-flowered American Lime tree.

15 ft. high, 2¾ in. diam.

Tília americàna pubéscens.

The downy-*leaved* American Lime tree.

14 ft. high, 4½ in. diam.

A`cer tatáricum.

The Tartarian Maple.

15 ft. high, 4 in. diam.

A\`cer *spicàtum.*

The spike-*flowered* Maple.

12½ ft. high, 3¼ in. diam.

A`cer striàtum.

The striped-*barked* Maple.

13 ft. high, 2½ in. diam.

The large-leaved Maple.

The Platanus-like, *or Norway*, Maple.

20½ ft. high, 7 in. diam.

The cut-*leaved* Platanus-like, *or Norway,* Maple.

16 ft. high, 3 in. diam.

A\`cer saccharinum.

The Sugar Maple.

13 ft. high, 2 in. diam.

The *Sycamore,* or False Plane tree Maple.

29¼ ft. high, 6 in. diam.

A*cer *Pseùdo-Plátanus.*

The false Platanus, *or common* Sycamore.

Full-grown tree at Studley; 100 ft. high, diam. of the trunk 8 ft. 1 in., and of the head 91 ft.
[Scale 1 in. to 24 ft.]

The obtuse-*lobed-* *leaved* Maple.

25½ ft. high, 5¼ in. diam.

A`cer opulifo`lium.

The Guelder-Rose-leaved Maple.

14¾ ft. high. 2¼ in. diam.

A'cer O'palus.

The Guelder-Rose-*like* Maple.

10 ft. high, 2½ in. diam.

32½ ft. high, 9 in. diam.

A\cer eriocárpum.

The woolly-fruited Maple.

Full-grown tree at Kew ; 56 ft. high, diam. of the trunk 3 ft., and of the head 45 ft.
[Scale 1 in. to 12 ft.]

The red-*flowered* Maple.

21 ft. high, 5 in. diam.

A`cer rùbrum.

The red, *or Swamp*, Maple.

Full-grown tree at Kew ; 36 ft. high, diam. of the trunk 2½ ft., and of the head 30 ft.
[Scale 1 in. to 12 ft.]

A`cer monspessulānum.

The Montpelier Maple.

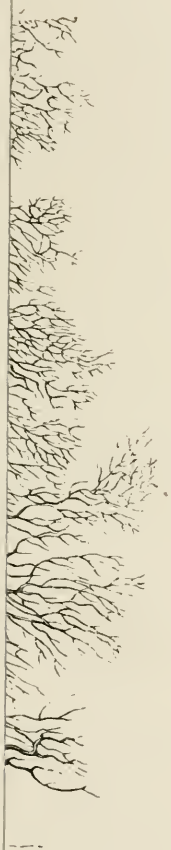
15 ft. high, 4 in. diam.

A`cer *monspessulànum.*

The Montpelier Maple.

Full-grown tree at Ham House ; 30 ft. high, diam. of the head 40 ft., and of the trunk 1½ ft.
[Scale 1 in. to 12 ft.]

$28\frac{3}{4}$ ft. high, 6 in. diam.



Full-grown tree at Studley Park ; 70 ft. high, diam. of the trunk 5½ ft., and of the head 58 ft.
[Scale 1 in. to 12 ft.]

Acer créticum.

The Cretan Maple.

Full-grown tree at Syon; 28 ft. high, diam. of the trunk 2½ ft., and of the head 48 ft. [Scale 1 in. to 12 ft.]

The Ash-leaved Box Elder.

30 ft. high, 8 in. diam.

The curled Ash-leaved Box Elder.

15¾ ft. high, 4½ in. diam.

The *common* Horsechestnut.

The *common* Horsechestnut.

Full-grown tree at Forty Hill, Enfield; 62 ft. high, diam. of the trunk 4 ft., and of the head 48 ft. [Scale 1 in. to 12 ft.]

The reddish, *or* flesh-colour, *flowered* Horsechestnut.

16 ft. high, 4 in. diam.

Pàvia rùbra.

The red-*flowered* Pavia.

10 ft. high, 4½ in. diam.

Pàvia rùbra.

The red-*flowered* Pavia.

Full-grown tree at Syon ; 26 ft. high, several small trunks from the same root ; head 27 ft. diam. [Scale 1 in. to 12 ft.]

Pàvia hùmilis péndula.

The pendulous-*branched* Pavia.

11 ft. high, 2¾ in. diam.

The yellow-*flowered* Pavia, *or smooth-fruited Horsechestnut.*

15 ft. high, 6 in. diam.

Full-grown tree at Syon ; 40 ft. high, diam. of the trunk 1 ft. 4 in., and of the head 39 ft.

The large-fruited Pavia.

13 ft. high, 3 in. diam.

Kölreutèria paniculàta.

The panicled-*flowered* Kölreuteria.

14¾ ft. high, 3 in. diam.

Xanthóxylon fraxineum.

The Ash-*leaved* Toothache tree.

12 ft. high, 2½ in. diam.

Ptèlea trifoliàta.

The three-*leafleted*-leaved Shrubby Trefoil.

16½ ft. high, 2½ in. diam.

The glandulous-*leaved* Ailantus.

32 ft. high, 8 in. diam

Ailántus *glandulōsa*.

The glandulous-*leaved* Ailantus.

Full-grown tree at Syon; 71 ft. high.
[Scale 1 in. to 12 ft.]

Euónymus europæ`us.

The European, *or common,* Spindle tree.

10 ft. high, 2½ in. diam.

Euónymus latifòlius.

The broad-leaved Spindle tree.

12 ft. high, 2 in. diam.

The sharp-leaved, *or common*, Holly.

14 ft. high, 3⅔ in. diam.

The sharp-leaved, *or common,* Holly.

Full-grown tree at Studley; 53 ft. 7 in. high.
[Scale 1 in. to 12 ft.]

I'*lex opàca.*

The opaque-*leaved* Holly.

12 ft. high, 2½ in. diam.

Ilex opàca.

The opaque-*leaved* Holly.

Full-grown tree at Syon; 18 ft. high, diam. of the trunk 1 ft., and of the branches 23 ft. [Scale 1 in. to 12 ft.]

Paliûrus aculeàtus.

The prickly Paliurus, *or Christ's Thorn.*

13½ ft. high, 2 in. diam.

Paliûrus aculeàtus.

The prickly Paliurus, *or Christ's Thorn.*

Full-grown tree at Syon ; 33 ft. high, diam. of the trunk 1 ft., and of the head 30 ft.
[Scale 1 in to 12 ft.]

Rhámnus cathárticus.

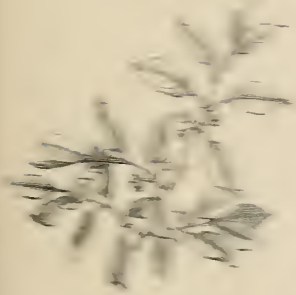
The purging Buckthorn.

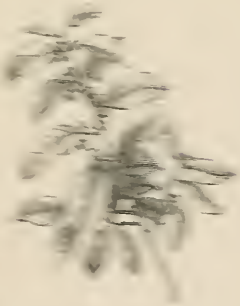
12 ft. high, 3½ in. diam.

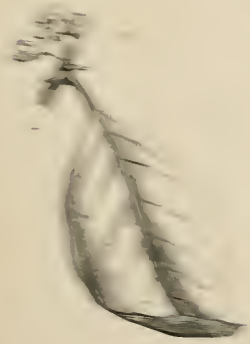
The alpine Rhamnus.

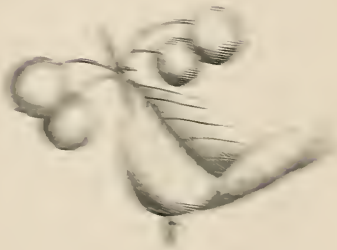
11 ft. high, 3 in. diam.

The Nettle-tree Family or Hemp-bearing Order.









Rhámnus latifólius.

The broad-leaved Buckthorn.

11 ft. high, 3¾ in. diam.

The Macqui Aristotelia.

10 ft. high, 1¾ in. diam.

The Japanese Sophora.

20 ft. high, 9 in. diam.

Sophòra *japónica*.

The Japan Sophora.

Full-grown tree at Syon; 57 ft high, diam. of the trunk 4½ ft., and of the head 84 ft.
[Scale 1 in. to 12 ft.]

Sophòra *japónica péndula.*

The drooping-*branched* Japanese Sophora.

12 ft. high, 3 in diam.

Virgília lùtea.

The yellow-*wooded* Virgilia.

17 ft. high, 5½ in. diam.

The *common* Laburnum.

15 ft. high, 5 in. diam.

Cýtisus Labúrnum quercifólium, or *incìsum*.

The Oak-leaved, *or* cut-*leaved*, Laburnum.

15 ft. high, 3 in. diam.

Cýtisus alpìnus.

The alpine Cytisus, *or Scotch Laburnum.*

12 ft. high, 3½ in. diam.

Cytisus alpinus pendulus.

The pendulous alpine, *or Scotch, Laburnum.*

12 ft. high, $2\frac{1}{2}$ in. diam.

The Robinia, *or* False Acacia.

The False-Acacia Robinia.

Full-grown tree at Kenwood; 72 ft. high..
[Scale 1 in. to 12 ft.]

The Umbrella, *or Parasol,* Robinia *or* False Acacia.

14 ft. high, 3 in. diam.

Robínia Pseùd-Acàcia tortuòsa.

The twisted-*leaved* Robinia *or* False Acacia.

12 ft. high, 3¾ in. diam.

The clammy Robinia.

22 ft. high, 8 in. diam

Robínia híspida macrophýlla.

The large-leaved Robinia, *or Rose Acacia.*

8½ ft. high, 2½ in. diam.

Caragàna *arborèscens*.

The arborescent Caragana, *or* ***Siberian Pea tree.***

11 ft. high, 3 in. diam.

The three-spined Gleditschia, *or Honey Locust.*

19½ ft. high, 3½ in. diam.

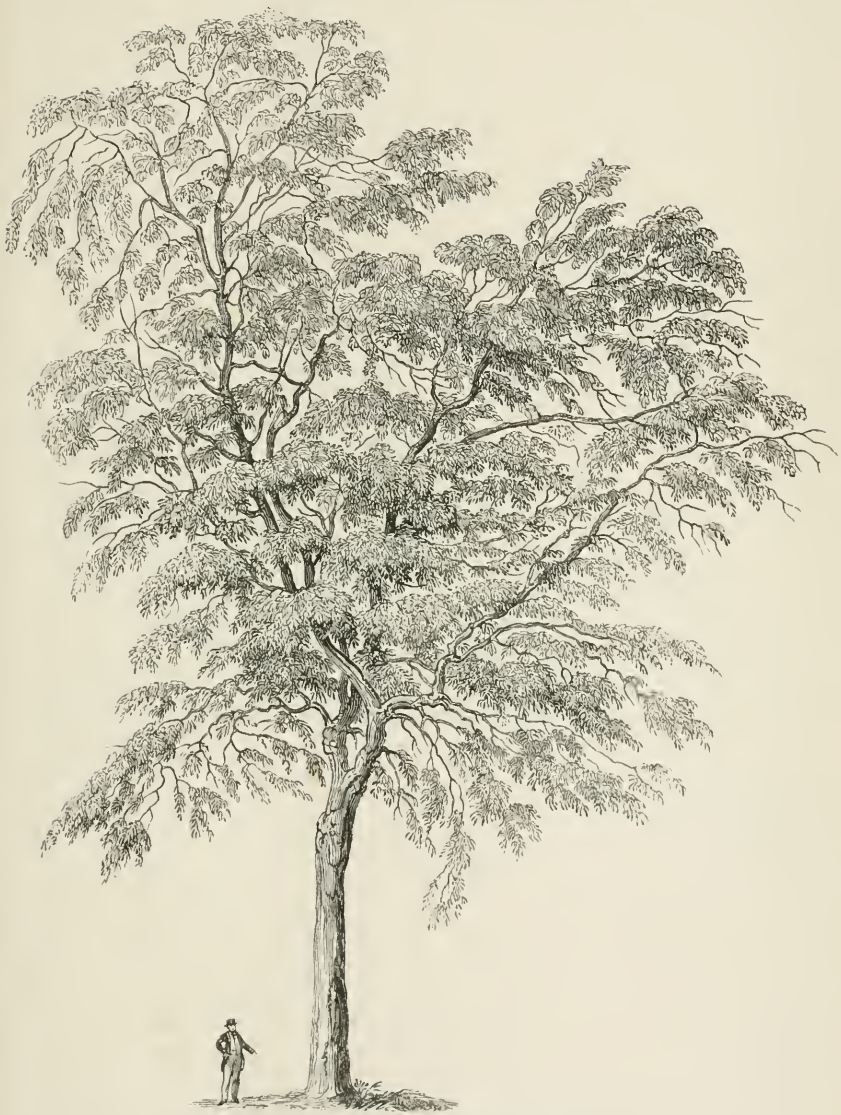
The three-thorned Gleditschia, *or Honey Locust.*

Full-grown tree at Syon ; 68 ft. high, diam. of the trunk 2 ft. 3 in., and of the head 40 ft.
[Scale 1 in. to 12 ft.]

The unarmed, *or thornless*, Gleditschia, *or Honey Locust.*

20 ft. high, 4 in. diam.

The unarmed Gleditschia, *or Honey Locust.*



Full-grown tree at Syon ; 72 ft. high, diam. of the trunk 2 ft. 4 in., and of the head 71 ft.
[Scale 1 in. to 12 ft.]

The Chinese, *or* horrid-*spined*, Gleditschia.

Full-sized tree at Syon ; 54 ft. high, diam. of the trunk 3 ft., and of the head 54 ft.

Gleditschia japónica.

The Japan Gleditschia.

10 ft. high, 2½ in. diam.

Gleditschia hórrida nàna.

The dwarf horrid-*spined* Gleditschia, *or Honey Locust.*

15 ft. high, 5 in. diam.

Gleditschia hórrida purpùrea.

The purple horrid-*spined* Gleditschia, *or Honey Locust.*

12 ft. high, 2 in. diam.

The long-spined Gleditschia, *or Honey Locust.*

Full-grown tree at Syon ; 57 ft. high, diam. of the trunk 3 ft., and of the head 63 ft.
[Scale 1 in. to 12 ft.]

The Canadian Gymnocladus, *or Kentucky Coffee tree.*

17 ft. high, 2½ in. diam.

The Canadian Gymnocladus, *or Kentucky Coffee tree.*

Full-grown tree at Syon ; 57 ft. high, diam. of the trunk 3 ft. , and of the head 47 ft.
[Scale 1 in. to 12 ft.]

Cércis Siliquástrum.

The *common* Judas tree.

11 ft. high, 3½ in. diam.

Cércis Siliquástrum.

The *common* Judas tree.

Full-grown tree at Syon; 24 ft. high, diam. of the trunk 2 ft., and of the head 32 ft.
[Scale 1 in. to 12 ft.]

Cércis canadénsis.

The Canadian Judas tree.

10 ft. high, 2 in. diam.

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Acàcia dealbàta.

The whitened Acacia.

18 ft. high, 3 in. diam.

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